Appendix E

Results of Metal, Salt, Nutrient

And

Radionuclide Sampling and Analysis

Table 1 Metal Concentrations – 1989 to Present Aluminum to Copper

s = Sample diluted due to the concentration of target analytes.

B = Compound is also delected in the blank. J = Result is detected below the reporting limit or is an estimated concentration.

Wa = Post digestion spike recovery fell between 40-85% due to matrix interference.

Q = The reporting limit was elevated due to high analyte levels

Appendix E, Table 1 - Wetal Concentrations 1989 to Present (Concentrations are in parts

הוכללו	14 L, 195		מבומו כס		sos to Fresen	i (concenitatio	Appendix 2, radie 1 - Metal Collectinations 1969 to Present (Collectinations are in parts per pillion	ollillon)		
			Specific							
Well	Date		Conduct							
Number	Sampled	Hd	("S/cm)	Aluminum	Antimony	Arsenic	Barium	Beryllium	ပ	Cadmiun
NRF-6		7.82								
NRF-6		7.92	1315							
NRF-6		7.92	1340							
NRF-6		7.88								
NRF-6		8.05	1400							

машрег	Sampled	L d	(ma/cm)	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmitum	Chromium	Copper
			1								
NHF-6	76/80/10	7.82	1310							410	
NHF-6	03/10/92	7.92	1315							45,0	
NRF-6	05/14/92	7.92	1340							35.0	
NRF-6	07/08/92	7.88	0661							101	
NRF-6	09/18/92	8.05	1400							101	
NRF-6	12/09/92	7.86	1400							919	
NPF-6	04/09/93	7.89	1470								
NRF-6	No Data									:	
NRF-6	09/14/93	7.83	1450							UGP	
NRF-6	11/04/93	7.76	1428							C e e	
NRF-6	03/10/94	7.82	1415							3 00	
NPF-6	06/09/94	7.87	1967							?	
NRE.6	No Data	Ö,	200								
NDE	12/21/07	7.60	, and								
NICK 6	02/46/05	00.7	000							33.0	
0.101	03/16/95	08.7	1691	9	9.	3.0	8	√ 10.0	1.0	37.0	1.0
NHF-6	36/60/90	7.84	1638	9	v 1.0	4.0	9	< 10.0	1,0	38.0	2.0
NHI-6	09/13/95	7.88	1626	20	o)t >	4.0	22	100	< 1.0	34.0	2.0
NRF-6	11/07/95		1460	- 10	6,1	0.#	100	40,0	61. >	38.0	- 40
NHF-6	01/16/96		7447	20	< 1.0	3.0	- 180	9.0		34.0	92
NRF-6	03/19/96	7.86	1478	9	97.	3.0	- 100	< 0.5	o:1 >	90.0	1.0
NRF-6	06/10/96	7.91	1454	- 10	1.0	3.0	001	9.0	07	30.0	92
NRF 6	96/90/60	7.85	1480	01 >	4,0	3.0	901	970 V	0:	27.0	1.0
NRF 6	01/31/97	7.88	1500	< 10		3.0	6Z F			025	10.0
NRF-6	26/90/90		1440	- 10a	6.0	3.9	3 75	× 0.5	6.0	400.0	12
NRF-6	09/02/97		1450	> 100	6.0	3.8	82	× 0.5	× 0.3	34.0	4.6
NRF-6	11/17/97		1420	100	£0 °	3.6	J 79	0.0	8	27.0	3.0
NRF-6	02/09/98		1492	100	£ 0.2	3.8	B 79	< 0.5	× 0.3	30.0	USA 3,3
NRF-6	05/11/98		1451	8.	\$ 0 >	3.0	7.8	< 0.5	× 0.3	42.0	9.1
N.H-6	08/04/98	ı	1418	8	2.5	2.0	7.9	< 0.5	€'0 0.3	42.8	2.0
NHF-6	11/02/98		1347	£ 58	< 0.5	> 5.0	< 100	> 0.5	e:0	97.0	> 2.0
N.H.F6	02/04/99		1290	. 61	> 0.5	0.5	69	> 0.5	< 0.3	Wa 242	2.0
NRF-6	05/03/99	8.05	1301	31	9,5	< 4.3	_ v	> 0.5	< 0.3 ∨	0,0	× 5.0
NRF-6	07/27/99	7.89	1212	39	6.5	> 5.0	75	90 >	< 0.3	31.0	
NHF-6	11/01/99		1114	J 54	≥ 0.5	3	86	< 0.5	< 0.3	12-6	> 2.0
NHF 6	01/31/00	7.86	1154	8	< 10.0	9:0	98	< 2.0	0'9 >	18.5	2,1
NRF-6	02/01/00			8	∨ 10.0	v 10.0	25	< 2.0	< 5.0	0.0 27.0	20.0
	Wean	7.86	1419.19	49.03	8.0	4.0	85.45	2.5	9.0	45.5	2.6
	Std. Dev.	0.12	108.92	37.79	0.5	0.7	14,49	4.0	0.4	9.79	2.3
	Max	8.05	1638,00	100.00	2.5	5.0	100.00	10.0	1.0	400.0	10.0
	Min	7.37	1114.00	10.00	0.2	3.0	58.00	0.0	0.0	1.0	1.0
NRF-7	09/10/91	8.50	257	900		2.0	100			10,0	4.0
NHF-7	01/08/92	8,46	232							0.6	
NET-	03/10/92	8.50	232								
NHF-7	05/14/92		240							8.0	
NRF-7	07/08/92	- 1	256							0.1	
NH:-1	09/18/92	8.50	244							9.0	

s = Sample diluted due to the concentration of target analytes. B = Compound is also detected in the blank. J = Result is detected below the reporting limit or is an estimed concentration.

Appendix E, Table 1 - Metal Concentrations 1989 to Present (Concentrations are in parts per billion)

Number NRF-7	Sampled 12/09/92	8.32	243	Aluminum	Anthrony	X Son	Bartum	Beryllum	Cadmium	11.0	Copper
Ţ	04/09/93	8.26	243							13.0	
3F-7	06/10/93	8.37	245	2 4	ė					11.0	
¥:7	09/14/93	8.11	254							10.0	
4F-7	11/03/93	8.07	267					el .		12.0	
1F-7	03/15/94	8.10	243							10.0	
IF-7	06/13/94	8.14	078							27.0	
tF-7	09/12/94	8.30	250							12.0	
F-7	11/04/94	8.30	254					31		13.0	
ìF-7	03/17/95	8.11	238	7.0	4.0	2.0	< 100	< 10.0	1,0	12.0	01.
3F-7	26/60/90	8.21	243	014	< 1.0	2.0	, 48	10.0	1.0	140	1,0
3F-7	09/14/95	8.47	248	70	- 1.0	2.0	× 100	~ 10.0	01. >	13.0	1.0
₹F-7	11/08/95	8.27	525	300	< 1,0	1.0	opt >	10.0	× 1.0	14.0	1.0
3F-7	01/16/96	7.98	248	160	< 1.0	2.0	701.	90	0′1	14.0	1.0
1F-7	03/19/96	8.15	249	-80	01 >	2.0	- 109	< 0.5	> 1.0	15.0	0.1
3F-7	06/110/96	8.34	. 250	09	a.	2.0	< 100	< 0.5	< 1.0	16,0	v 1.0
3F-7	96/20/60	8.51	236	e.	01	2.0	100	> 0.6	4.0	13.0	0'1
3F-7	01/31/97	8.55	210	100		1.0	5			12.0	< 70.0
3F-7	26/90/90	8,15	238	130	900 >	*:	25	< 0.5	< 0.3	2.8	67.0
3F-7	09/02/97	8.46	240	.1 44	5,0	6.1	53	9.0	< 0.3	10.0	2.5
1F-7	11/18/97	8.41	236	100	4.0 L	4.5	99	0,5	5	10.0	
₩.7	02/09/98	8.21	265	To .		2		9.9	< 03	98	8.6 700
F-7	05/11/98	8.25	265	81	J 0.2		69	0.5	6.3	11.0	20
F-7	08/02/98	8.50	240	201.	9.9	0.2	99	9.5	. 0.3		7 C
F-7	11/02/98	8.28	258	29.	0.5	21/2	09	o.5	0.3	9.1	20 S
₹F-7	02/04/99	8.16	261	120	50	00	9 8	- 	2 6	7 7	7 8
¥-7	05/03/99	8.44	255	120	90.5	000	3	V V	0.3	0.0	
) <u> </u>	07/27/99	8.05	292	707	3 1	7 - Y		0 1 0 1	9.7	2 5	o le
1-1	11/01/99	8.12	261	290	6.0	0.0	20 80	6.0	2 S	0.61	7 7
(F. /	01/31/00	25.5	2002	0.00		A 6	8 8	3 6	7	200	200
/- #	00/10/60			28	200	8	9	3	2	39	2
	Mean	8 31	246.89	148.14	2.0	2.5	75,82	2.5	9'0	11.5	5.9
	Std. Dev.	0.18	11.13	126.81	0.3	1.5	21.79	4.0	0.4	3.9	14.4
	Max	8.72	265.00	260,00	1.1	5.0	100.00	10.0	1.0	27.0	67.0
	Min	7.98	210.00	44.00	0.2	1.0	51.00	0.5	0.1	1.0	1.0
	2.5									37	
RF-8	01/17/96	7.60	585	20	< 1.0	2.0	.100	4 0.5	4.0	6.2	10.0
RF-8	03/25/96	7.89	591	01	< 1.0	2.0	90	9.0	V V	5.2	× 10.0
RF-8	06/11/96	7.96	544	91	< 1.0	2.0	> 100	0.5	4.0	72	v 10,0
RF-8	09/04/96	8.02	282	ot >	4,0	2.0	100	< 0.5	0	7	10.0
RF-8	01/30/97	7.89	560	400		1.0	120			8.0	16.0
RF-8	26/11/90	7.85	595	100	S:0	*	120	90	8.0 V	2.0	3.4
RF-8	09/04/97	7.92	246	~ 100	≥ 0.5	o's >	120	< 0.5	< 0.3	6.5	2.0
RF-8	11/17/97	7.92	577	400	\$.0 >	8.	110	< 0.5	0.0	5.2	
NRF-8	02/10/98		604	2001	< 0.5	1.8	B 120	9'0	€,0,3	5.5	Wa. 2.5
RF-8	05/13/98		109	< 100	9°0	, T	J 130	< 0,5	6,0	6.8	2.0
RF-8	86/50/80	7.95	909	- 1 8	> 0.5	0;0 V	134	9:0	6.3		20 ×
0 46	41/09/00	7 06	cus	CH	u e		469		一 に 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一		07 C C C C C C C C C C C C C C C C C C C

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Appendix E, Table 1 - Metal Concentrations 1989 to Present (Concentrations are in parts per billion)

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_	Sampled	麦	Conduct (. S/cm)	Allicaim		V. W. W. W. W.	e de		•		
	02/11/99	8.03	F09	100	90.	50	124	S O S	I e d	Caromium Sea	Copper
	66/80/90	8.10	009			209	140				
	07/28/99	7.90	285				O#1	90			
NRF-8	11/02/99	7.96	595	200	50		32			96	1
	02/01/00	7.97	589	.3 63	, 10.0	0.01	140	< 2.0		6'9	1 20
	02/05/00) S0		< 10.0	130		20	7.6	20.0
	Mean	7.93	587.63	92.25	9.0	3.0	120.56	0.6	0.5	6.6	4.7
	Std. Dev.	0.11	20.31	115.61	0.2	1.6	14.87	0.3	0.3	1.2	3.7
	Max	8.10	605.00	500,00	1.0	5.0	140.00	1.7	1.0	9.6	10.0
	Min	7.60	544.00	10,00	0.5	1.0	100.00	0.5	0.0	5.0	1.7
	04/40/06	50,1									
	96/91/10	7.39	089	20	o, 1	10	100	× 0.5	1,0	11,0	v 10.0
	08/44/06	69.7	089	8		2.0	× 188	\$ 0°S	9.7°	12.0	10.0
	96/11/90	96./	0 1	00	0.1.	2.0	× 100	90 >	01	14.0	10.0
	09/04/96	9.00	S S	9 3	0.1 V	2,0	90.	0.5	0 ;	12.0	10,0
	76/06/10	7.90	200	3 9		9.	130			918	10.0
	79/04/97	90.7	203	2 2	c) c		281	0.5		0.1.0	2.2
	11/18/97	7 91	285 285	3 8	en e	0.0	94. C.	e la	m: 0	20	< 20
	02/10/98	7.96	2Py	8 8	1.		100	c'n v	3 3	3 3	
NRF-9	05/13/98	8.01	546	100	900	2 4	3,4		6	32.7	700
	86/50/80	7.99	646	> 18	0.5		140	90	200	2 90	e e
	11/03/98	7.97	643	92	> 0.6		140	90.0	0.3	11.0	
	02/11/99	8.03	636	× 100	S '0 ∨	2.0	133	b.0.	< 0,3	W8 82	× ×
NRF-9	05/04/99	7.81	634	. 29	\$ 0.5	≥.0	140	\$0 ×	× 0.8	Wa 8.5	> 2.0
	07/28/99	7.93	1891	. 26	< 0.5	6.6	140	0.5	6.0	12.0	> 2.0
	11/02/99	7.99	623	110	> 0.5	9.0	150	.J. 1.6	< 0.3	8.0	2.0
	02/01/00	7.99	618	28	¢(0,0)	3.5	150	< 2.0	5.0	8.8	£3.
- 	09/07/00			8	× 10.0	10.0	140	~ 2.0	6.6	11.0	> 50.0
	Mean	7 04	021 2100	10.00							
_ _	Std Dev	0.15	655.5U	38.75	0.6	2.9	127.06	0.6	0.5	11.3	4.6
	Wax	8.06	680 00	110.00	2.0.	1	17.46	S. U. S.	5,0	3,0	3.8
	Min	7.39	585.00	10.00	0.5	2.0	100.00	0.1	0.0	0.12	10.0
		7.46	586								
		7.99	615	2000	6.1	2.0	400	\$ 0°5	01	17.0	30.0
NRF-10		7.95	615	520	7.0	98	91	50 >	< 1.0	17.0	, 10.0
		8.07	809	1000	4.0	20	. 100	5.0	× 1.0	14.0	10.0
		7.93	010	200		0.8	8			16.0	0'01 >
		7.62	630	180	90°	*	130	90	< 0.3	10.0	< 2.0
		96./	572	8	0.5	> 2.0	8	9,5	1.0	9.5	< 2.0
NRF-10	Ŀ	7.95	295	43	\$0	95.		9.0	3 0.0	12.0	2.7
		7.98	614	1200	9.5	1.9	3 150	> 0.5	e'0 ·	20.0	083 CSO
		8.06	610		900 >	9,1	130	< 0.5	< 0.3	J 13.0	o: z >
	14/09/09	8.01	95	8 ;	0.5	20	137	900	A 0.3	116	× 2:0
NOT TO		96.7	613	25.	970	30.	130	> 0.5	03 V		< 2.0
		9.07	100	100	< 0.5	o e v	124	. O.5	- 603 -	9.6	, v

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566 1 56 6.66 6.60 140 6.62 6.62 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6			42.0		071	13.2	3.1	20.0	9.5	21.0	988	0.66	28.0	16.0	17.0	16.0		J 16.0	14.2	1				17.0	15.0	17.9	3.9	13.5		180	19.0	20.0	17.0	0,53	23.0	20.0		.26.0	21.8		47.
560 140 6.5 6.0 140 140 140 140 150 140 140 140 150 140 140 140 150 140 150 140 150 140 150 140 150 140 150 140 150 140 150 140 150 140 150 140 150 140 150 140 150 140 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 <td>0.3</td> <td>0.3</td> <td></td> <td>9.0</td> <td>6.0</td> <td>0.4</td> <td>0.3</td> <td>1.0</td> <td>0.0</td> <td></td> <td></td> <td></td> <td>2</td> <td>03</td> <td>80 V</td> <td>0.2</td> <td>< 0.3</td> <td>6.0</td> <td></td> <td>9.0</td> <td></td> <td></td> <td></td> <td>0.5</td> <td>2.0</td> <td>0.5</td> <td>0.3</td> <td>0.5</td> <td></td> <td>0°L ></td> <td></td> <td></td> <td>4.0</td> <td></td> <td>80 V</td> <td>00</td> <td>< D.3</td> <td></td> <td></td> <td>6.0</td> <td>0 6</td>	0.3	0.3		9.0	6.0	0.4	0.3	1.0	0.0				2	03	80 V	0.2	< 0.3	6.0		9.0				0.5	2.0	0.5	0.3	0.5		0°L >			4.0		80 V	00	< D.3			6.0	0 6
590 564 0.5 5.0 600 464 0.5 < 6.0					20	0.6	0.3	1.8	0.5	900		cn >	6	0.5	9'0	5.0	6.5	> 0.5	6.5	0.5	9'0	990	C 40	20	2.0	0.5	0.0	0.5 0.5					< 0.5					8-			
5960 J 644 CDE C 600 184 - 0.5 - 0.5 - 0.5 590 180 - 0.5 - 0.6 - 0.6 590 180 - 0.05 - 0.05 - 0.05 590 100 - 0.05 - 0.05 - 0.05 590 200 - 0.05 - 0.05 - 0.05 60244 403 - 0.05 - 0.05 - 0.05 6320 200 - 0.05 - 0.05 - 0.05 633 40 - 0.05 - 0.05 - 0.05 - 0.05 631 80 - 1.00 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 <td>140</td> <td>. 140</td> <td>140</td> <td>150</td> <td>130</td> <td>127.40</td> <td>15,55</td> <td>150,00</td> <td>100.00</td> <td>100</td> <td></td> <td></td> <td>130</td> <td>130</td> <td>140</td> <td>130</td> <td></td> <td>.3 140</td> <td>141</td> <td>140</td> <td>138</td> <td>150</td> <td>04.</td> <td>160</td> <td>140</td> <td>128.69</td> <td>18.18</td> <td>100.00</td> <td></td> <td>200</td> <td></td> <td>v 198</td> <td>901</td> <td>150</td> <td>150</td> <td>150</td> <td></td> <td>3 170</td> <td>175</td> <td>170</td> <td>では、大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大</td>	140	. 140	140	150	130	127.40	15,55	150,00	100.00	100			130	130	140	130		.3 140	141	140	138	150	04.	160	140	128.69	18.18	100.00		200		v 198	901	150	150	150		3 170	175	170	では、大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大
SSF (MI) Authorithan Authorithan 500 140 6.04 590 140 6.01 590 140 6.01 590 10 6.01 590 10 6.01 602,44 403.20 0.10 17,48 564.71 0.11 630.00 2000.00 0.11 631 40 1.1 632 40 1.1 631 40 1.1 632 40 1.1 633 48 0.1 634 100 0.1 635 100 0.0 635 100 0.0 638 100 0.0 638 100 0.0 638 100 0.0 638 100 0.0 638 100 0.0 638 100 0.0 648 0.0 0.0 658				3.0	16.0	3.5	2.2	0.6	1,3	2.0	2.0	22 0	60			2					2.0			2 % V =	40.0	3.7	2.1	9.0		2.0	2.0	20	2.0			8.8	710				100 E 0 E 0 E 0 E 0 E 0 E 0 E 0 E 0 E 0
602.44 17.48 602.44 17.48 630.00 630.00 631 631 631 631 631 631 631 632 633 633 633 634 634 634 634 634	Q P	10	1.	11/24	4	9'0	0.2	1.0	0.5				B.		5.0	> 0.5		× 0.5	e 0.5	ja 11		9.0°	e i		1 4.5					1											正常の名は前に はいかいかん
		29	180			403.20	564.71	2000.00	43.00	70	40	99	3 2	48			201		- 100	150		220	Sin F	44	20	91.56	45.72	220.00		09	99	20	9	190	8 4	284		. 00¥	√ 100	4	Consideration of the Considera
	506	909	280	290		602.44	17.48	630.00	562.00	615	629	183	691	833	875	456	625	625	628	637	638	630	9 :	645		616.75	46.06	660.00	20021	684	682	682				+		i i			
amplied 1/02/99 1/129/99 1/129/99 1/178/99 1/1/80/97 1/1/80/97 1/1/80/97 1/1/80/97 1/1/80/97 1/1/80/99 1/1/03/99 1/1/03/99 1/1/03/99 1/1/03/99 1/1/03/99 1/1/03/99 1/1/03/99 1/1/03/99 09/04/97 1/1/18/97 09/04/97 09/04/97	Number Sampled NDE-10 05/04/99				NPF-10 05/02/00		Std. Dev.			NRF-11 01/18/96			NRF-11 09/05/96 NDE 11 01/20/07	NRF-11 01/30/97		NRF-11 11/19/97	_								NRF-11 05/03/00		Std. Dev.			NRF 12 01/22/96					NRF-12 06/05/97				NRF-12 08/05/98		00/ 55 00

Sample diluted due to the concentration of target analytes.

Compound is also detected in the blank. J = Result is detected below the reporting limit or is an estimted concentration

5.0 2.0 30.0 5.7 2.0 1.5 20.0 4.9 3.7 10.0 2.0 0.1 6.0 2 00 03 28.0 3 2 2 2 4.5 4.6 6.8 6.8 30.0 6.9 2,0 **188**3 Chromitur 45.1 85.4 360.0 14.1 20.0 18.0 28.0 27.0 27.2 25.0 24 74 85 0.05 0.05 5.0 9.0 10.0 5.0 35.0 31.0 44.1 20.6 92.0 25.0 8 8 0.7 7.0 0.9 7.0 79.0 4.0 5.0 0 Wa Wa 0 0 o o Wa,D,Q Wa.D.Q 2 2 2888888 2 2 2 5 6 6 2 2 8 3 2 2 0.3 0.5 0.3 1.0 0.0 0.1 5.03 0.4 1.0 0.1 Berylliun 20 20 50 5 8 8 90 0 0.5 2.0 Appendix E, Table 1 - Metal Concentrations 1989 to Present (Concentrations are in parts per billion) 0.5 0.5 0.0 0.5 0.5 Barium 153.75 30.25 200.00 100.00 103.53 18.91 150.00 79.00 8 2 2 8 5 8 8 110 호 호 및 호 호 88 3 3 2 E 8 110 88 110 110 200 100 8 8.0 3.0 2 2 2 2 2 2.0 1.4 Ë 6.0 5.0 10.0 22222 3.0 1.6 5.0 1.4 0.5 1.8 3.2 1.7 5.0 0: Antimony 0.5 10.0 3 0 0 5 3 5 5 3 8 5 3 8 6 2222 0.8 0.6 2.8 0.5 0.6 0.2 1.0 0.5 Aluminum 4002.31 5171.62 19200.00 10.00 75.01 35.42 120.00 10.00 2800 10 3590 1400 14000 19200 2800 1400 350 597 3100 1580 3800 2400 16800 3000 \$ \$ 8 22 86 Specific Conduct 676 663 648 (" S/cm) 685.13 26.52 730.00 634.00 543.44 67.32 624.00 406.00 540 506 506 515 618 618 624 6624 618 586 **\$** \$ 8 7.91 7.93 8.35 8.36 7.94 7.92 0.06 8.00 7.80 8.26 8.21 8.18 8.20 7.96 7.96 8.20 0.18 8.51 7.89 8.26 8.02 7.90 8.17 8.51 8.37 8.27 7.80 7.90 7.83 Ηd 7.99 7.80 7.90 7.80 7.84 7.93 7.89 7.92 8.01 Mean Std. Dev. Max Min 02/02/00 05/03/00 Mean Std. Dev. Max Min 08/06/90 10/10/90 12/11/90 02/07/91 06/11/90 04/13/93 06/14/93 02/11/99 03/12/92 06/19/92 02/11/98 11/04/98 66/50/50 09/18/92 USGS-12 Well Number NRF-12 NRF-12 NRF-12 NRF-12 NRF-13 NRF-13 NRF 13 NRF 13 NRF 13 NRF-13 NRF-13

B = Compound is also detected in the blank. J = Result is detected below the reporting limit or is an estimated concentration.

Wa = Post digestion spike recovery fell between 40-85% due to matrix interference.

Q = The reporting limit was elevated due to high analyte levels.

Appendix E, Table 1 - Metal Concentrations 1989 to Present (Concentrations are in parts per billion)

Coppet							- 1,0	1.0	0:1 ≥	1.0	0,1	4.0	1.0	6.1	- 10.0	2.0		1.9		2.0	2.0	1.7	2.0	2.0	< 2.0	< 2.0	ડી 1.3	20.0	1.9	1.8	10.0	1.0	2,0	0.0	97	07) 	5.0									
Ohronium .	6.6	5.0	7.3	8.0	7.8	. 22	6.7	7.0	6.5	72	6.5	6.9	2	8.8	001	6,4	5.3	8.9	5.7 URJ	.1 6.2	5.5	8.9	W.2 5.1	5.7	6.5	6.4	6.7	5.9	6.7	1.3	10.0	4.0		0,0	0.0	0, 5	3 1	2.0	8.0	5.0	0.8	7.0	6.0	5.0	6.0	3.0	6.0
Cadmum							1.0	0'L >	7.0	1.0	e.	9	0.1	0.1		× 0.3	80	0.0	10 Pt	0.8		. 0.3	6.3	60.	. D.3	6,0	2.0	> 0.0	0.7	0.4	1.0	0.0				2 .		9 7									
Beryllium							< 10.0	10.0	< 10.0	40,0	0.07	40.0	10.0	10.0		< 0.5	6.5		20.	0.5	9'0	972	970	50.5	> 0.5	\$*0 ¥	> 2.0	< 2.0	4.5	4.8	10.0	0.5															
Bartum							100	81	150	400	189	180	100	901	140	130	140	130	B 130			130	123	130	130	81	981	120	119,56	23.59	200.00	100.00	400	902	S (8 1		v 100								1.20	
Assenie							2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.6	1.5	9.0	1.8	6,1 S				20		6.0	o'9 >	3.0	0'0t >	2.6	1.5	5.8	1.0	0.7	7 .	0.2	2.0	2.0	2.0									
Antlinony							13	0,1	1,0	0,1	0.1	0,1	0,1	0,1		0.5	9'0	5.0	\$ 0.5	0.5	909			4 0.5	0.5	0.5	90	3.6	0.7	0.3	1.0	0.5															
Aluminum				100			- 10	- 20	01 >	10	- 10	. 10	9	10	0. ~	201	100	100	100	1001	190	100		35	. 15	. 56	186		51.24	41.63	100.00	10.00	07 V														
Condition (, S/cm)	980	890	909	909	009	900	604	602	598	805	909	597	202	298	980	526	528	405	172	828	518	202	491	479	472	470	465		562.37	47.77	610.00	405.00	920	970	585			. 595	580			585					578
Daile Sampled pH	L		03/11/94 7.73							1					L														Mean 7.85	Std. Dev. 0.10	Max 8.01	Min 7.47							06/18/91 8.00	00'8 16/20/90	09/05/91 8.00			L		_	04/06/93 7.90
Number Sam					USGS-12 09/0		55.53					USGS-12 03/2			USGS-12 02/0		USGS-12 09/0				11SGS-12 08/0					USGS 12 11/0			M	Std	N																USGS-97 04/

s = Sample diluted due to the concentration of target analytes.

B = Compound is also detected in the blank. J = Result is detected below the reporting limit or is an estimited concentration. s = Sample difuter
Wa = Post digestion spike recovery fell between 40-85% due to main'x interference Q = The reporting limit was alevated due to high analyte levels

Appendix E, Table 1 - Metal Concentrations 1989 to Present (Concentrations are in parts per billion)

Sampled 06/09/93	Conduct pH (S/cm)			Antimony	Arsenia	Barillo	Beryllium	Cadmium	Chromium	Copper
26/60/90					100 Part of 100 Pa	100 00 00 00 00 00 00 00 00 00 00 00 00	Seryikum	Cadmium	Chromium	ຮັ
60/61/00	982				_			が 1000 では 1000 である 1	C	
08/01/80		0								
		-								
03/14/94	7.73 600	0							6.7	
06/09/94	7.87 595	9							8.9	
09/08/94		9							6.6	
		7								
03/16/95		2	20.	0 1	2.0	≥ 100	> 10.0	< 1,0	5.7	4.0
06/13/95	7.89 597	7	98	> 1.0	2,0	100	< 10.0	0,1	£'9	evi
09/11/95		0	20	1.0	2.0	. 190	40,0	0; 1	6.1	ci.
11/06/95	7.96 604	A	10	- T.Q	2.0	400	0,01	6.1	6.8	6
01/17/96			- 50	0.1 >	1.0	84		0,1	6.2	
03/25/96	7.85 59	· ·	10	6,1	20	901	> 0.5	0.1	6.1	V
	7.96 600	•	40	0. ×	2.0	100	50 >	400	8.8	
09/04/96			20	× 1.0	2.0	100	9'0	10	8.8	0 .
	7.91 56	, A	100		9.1	120			8.0	9
06/10/97		y	100	c 0.5	*	120	970	63	#3	8
76/20/60		V	\$	6,4	11	130	S,0 >	v 0.3	5.4	*
11/18/97		V In	8	0,4	1.6	120	9'0	00	9.7	ci.
02/10/98		*	8	5,0 >	J. 1,8	120 a	9.0	6.3	5.3	1987
		٧	8	< 0.5	9'1 '6'	J 140	9.0	8'0	7.9	× ×
08/04/98		v	8	< 0.5	× 2.0	140	< 0.6	v D.3	5.9	ď.
11/03/98		******	54	o.5	61 7	140	9'0 >	€ 6.3	6.4	>
02/09/99		×	100	3,2	> 20		< 0.5	~ 0.3	W.a. 5.4	N.
05/04/99			27	\$*0 	€ 50	150	9"0 >	< 0.3	2.3	où V
07/28/99		7	24	< 0.5	5.0	7	> 0.5	6.0	7.2	1.0
			110	> 0.5	≥00	150	6	~	7.0	< 2.
00/10/20	7.95 600	v	8	v 100		150	2.0	≥ 5.0	6.3	Ci
00/20/90 78 9		V	20	\$00 ×	40.0	45	2.0	2.0	6.9	8
	-									
Std Dov	7.90 589.33		57.38	0.8	2.4	123.12	2.6	0.7	2.9	2.7
			40.47	0.6	1,3	28.96	4.0	0.4	2.3	2.
Min	6.06 615.00 7.38 445.00		110.00	3.2	5.0	200.00	10.0	1.0	19.0	10
	25		90,01	4.0		100.00	6.0	0.0	3.0	
USGS-98 11/29/89 7	7.90 430	V	101		2.0	100		9.1	0.4	1
03/19/90					2.0			0+	# D P	2 4
06/90/90					2.0	201			7.0	
06/08/20					2.0	100			08	
	7.80 392				2.0			0,1	7.0	•
12/07/90	8.10 406				2.0	- 180 			0.9	i e
03/13/91	8.00 410								8.0	
16/20/90									20	
									07.	
12/03/91	8.00 412								9.0	
03/16/92									4.0	
06/17/92									3.0	
09/21/92									9.5	
USGS-98 12/08/92 8	8.11 393								0.6	

s = Sample diluted due to the concentration of target analytes. B = Compound is also detected in the blank. J = Result is detected below the reporting limit or is an estimated concentration.

Wa = Post digestion spike recovery fell between 40-65% due to matrix interference a The reporting limit was elevated due to high analyse levels
Appendix E, Table 1 - Metal Concentrations 1989 to Present (Concentrations are in parts per billion)

Weil	Date		Specific Conduct								
1.65	Sampled	Hd	(, S/cm)	Aluminum	Antimony	Arsenic	Bartum	Berylllum	Cadmium	Chromken	Copper
	04/06/93	8.00	366							4.0	
	26/80/90	8.05	398							30	
USGS-98	09/13/93	8.11	254							9	
USGS-98	11/02/93	8.07	257	1							
USGS-98	03/14/94	7.79	405							6.4	
1SGS-98	06/09/94	7.93	406							09	
JSGS-98	09/08/94	8.10	408							5,7	
USGS-98	11/09/94	7.99	410				100			6.7	
USGS-98	03/15/95	7.84	866	20	1.0	2.0	× 100	70,0	> 10.0	8.0	3.0
SGS-98	06/12/95	7.97	412	-20	01 >	2.0	001 >	< 10.0	√0.0	6.3	0.4
ISGS-98	09/11/95	8,11	434	10.	- 1,0 -	2.0	100	v 10.0	< 10.0	5.6	1.0
0SGS-98	11/06/95	8.12	432	.50	1.0	1.0	× 100	< 10.0	10.0	6.0	5.0
SGS-98	01/11/96	7.83	431	- 10 - 10	1.0	2.0	190	> 0.5	1.0	20.00	v 13
0 SGS-98	03/21/96	7.88	430	V	2,7	2.0	- 189	970	91	5.1	2.0
USGS-98	06/11/90	7.97	. 440	- 40	1.0	0.7	406	92	92	9.6	0°T >
0SGS-98	09/04/96	7.92	440	10	0; V	2.0	96 . V	∨ 0.5	0.1	5.6	0°1 ×
USGS-98	02/04/97	8.01	400	89		1.3				8.0	∨ 10.0
USGS-98	06/10/97	7.88	435	100	90.	82	46	0.5	0.3	3.8	3.7
0SGS-98	26/80/60	7.99	401	- 190 - ×	9. V	2.0	20	2,5	0.3	43	36.0
USGS-98	11/18/97	7.83	403	oot >	- C 0.5	9.1			200	*	
USGS-98	02/10/98	7.73	440	061		91	9 (200	4 5	0.0
USGS-98	09/1/0/00	80.00 10.00	67 H	8 8 V	e'n >	9 V	000	2 2	7 C	0.7	2 0
00.000 10.000	11/03/08	100	440	3 2			E			57	
USGS-98	02/09/99	7.08	443	100					0.3	6,4	< 2.0
USGS 98	05/04/99	7,51	439	3 26		> 5,0	. 57	o.5	e 0 3	3, Wa 4.8	< 2.0
USGS 98	07/28/99	7.81	438	J 21	< 0.5	6.6	- 67	90	8;0 V	6.5	3.1.0
96 S9Sn	11/02/99	8.02	438	68	< 0.8	20	22	1.5	€.0.3	63	2.0
USGS 98	02/01/00	7.84	438	100	< 10.0	3 4.1	09	2.0	≥ 5.0	4.00	3.3
ISGS 98	05/05/00				< 10.0	100	- 28	20	≥00	7.0	330.0
										1	
	Mean	7.94	409.81	52.90	0.7	2.5	77.84	5.6	2.1	5.7	£.4.3
	Std. Dev.	0.18	38.55	41.88	5.0 t	4.1	100.00	4.0	3.5	t: 0	36.0
	Min	8.12	443.00 254.00	10.00	0.5	5.0	45.00	0.5	0.2	3.0	1.0
USGS-99	11/30/89	7.80	530	0. >		1.0	> 100		4.0	6.0	2.0
USGS-99	03/20/90	7.90	119			1.0	- 100 ×		1.0	. 70	15.0
66-SBSn	06/90/90	7.90	520			1.0	901 ×		0.1	0.7	2.0
08GS-99	08/01/80	8,00	230			1,0	200		7.0	0'9	3.0
66-S9SN	10/03/90	7.80	495			2.0	v 100		1.0	200	07
0SGS-99	12/10/90	8.00	808			2.0	- 100		1.0	9.9	3,0
0SGS-99	03/13/91	8.00	515							0'6	
nsgs-99	06/07/91	8.00	515				T. P.			30	
USGS-99	09/05/91	8.00	. 525							6.0	
USGS-99	12/03/91	8.00	513							2.0	
18G8-88	03/16/92	1.98	200							5 6	
66-85SN	06/16/92	7.98	502							0.00	+
50000	03/21/32	7.94	910								ST. C.

B = Compound is also detected in the blank. J = Result is detected below the reporting limit or is an estimated concentration.	s = Sample diluted due to the concentration of target analytes.	
Wa = Post digestion spike recovery tell between 40-85% due to matrix interference Q = The reporting limit was elevated due	o high analyte levels	
Appendix E, Table 1 - Metal Concentrations 1989 to Present (Con	centrations are in parts per billion)	

Sampled pH	Well	Date		Sonduct								
1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,00	Number	Sampled	pH	(, S/cm)	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chronium	Copper
1,000,000,000,000,000,000,000,000,000,0	66-8980	12/08/92	8.04	495							8.0	
00 (10 (10 (10 (10 (10 (10 (10 (10 (10 (0SGS-99	04/06/93	7.92	498							3	
1,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0	JSGS-99	86/60/90	7.95	510							5.0	
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	1SGS-99	09/13/93	7.78	520							9.9	
1,000,000,000,000,000,000,000,000,000,0	ISGS-99	11/02/93	7.88	616							2.0	
1004/09 728 528	1SGS-99	03/14/94	7.74	523	1-						8 8	
04(1799) 729 828 828	1SGS-99	06/09/94	7.85	520							8.8	
11(195) 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129	1SGS-89	09/07/94	79.7	520							6.00	
1,000,000,000,000,000,000,000,000,000,0	868.88	11/09/94	7.93	525							6.0	
1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,00	SGS-99	03/15/95	7.80	519		0,1	1.0	991	0.00	0.1	5.4	107
10,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00	SGS-99	06/12/95	7.90	528	10	5.0	1.0	100	10.0		5.4	4.0
01/17/96 726 526 519 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410 410	SGS-99	09/11/95	8.06	530	9	3	4,0	100	10.0		9.0	o.
1,000,000,000,000,000,000,000,000,000,0	8GS-99	11/06/95	7.96	526			0.1		9'0'		25.56	101
09(4)49 220 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) 4 (10) <td>SGS-99</td> <td>01/17/96</td> <td>7.46</td> <td>525</td> <td></td> <td></td> <td>107</td> <td></td> <td>< 0.5</td> <td></td> <td>Tč</td> <td>1.0</td>	SGS-99	01/17/96	7.46	525			107		< 0.5		Tč	1.0
06/10/95 2.62 6.10 6.12 6.10 6.12 6.10 6.12 6.10 6.12 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10	SGS-99	03/25/96	7.72	283		× 1.0	2.0	ot >	> 0.5		6.5	2.0
06/01/99 1248 8267 8260 6300 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 610-99 640 640 640 640 640 640 640 640 640 640	SGS-99	06/11/96	7.96	532	01 >	0.1	9.		900	× 1.0	5,6	3.0
OF/ORNSY 7.88 680 1.3 98 C 0.3 0.4 0.3 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	SGS-99	09/04/96	8.02	537	20	- 1.0	2.0	92	\$0 ×	1,0	2.5	1.0
14 14 15 15 15 15 15 15	SGS-99	02/04/97	7.93	520	200			66			16.0	9005
1,004/91 7.549 4.646 4.640 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4.645 4	SGS-99	06/10/97	7.89	540			**	63	50	< 0.3	3.6	2.6
1/103 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20	SGS-99	09/03/97	7.94	495		970 >		100		1.0	4.3	2.7
National State 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100	565-99	11/18/97	7.90	804		9.0	1.5	88		1.0	4.2	2.7
No.	565-99	96/10/20	7.87	536					< 0.5	3 11.0	4,8	USJ 4.4
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09/16/92 7.39 510	GS-102	06/11/92	7.98	980							09	
	(6.5.10.2	09/16/92	7.99	- 610							10.0	

s = Sample diluted due to the concentration of target analytes.

Q = The reporting limit was elevated due to high analyte levels

Compound is also detected in the blank. J = Result is detected below the reporting limit or is an estimted concentration.

Appendix E, Table 1 - Metal Concentrations 1989 to Present (Concentrations are in parts per billion)

2 2 2 10.0 5.3 3.3 2 2 2 2 2 2 2.0 3.5 20.0 3.7 3.3 10.0 Coppe 1.0 1.0 535 Ohiominim 5.3 6.0 8.0 5.0 6.7 7.7 7.2 8.8 6.4 6.4 5.7 5.3 6,7 1.3 10.0 7.0 205 100 m Cadmin (2) 1.0 5.0 1,0 91 0 1.0 2 0.7 0.4 1.0 0.0 9 Berylllum 10.0 10.0 10.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 2.0 2.5 4.0 10.0 0.5 113.38 21.26 200.00 100.00 140 2 2 2 130 130 Bacium 5 5 5 5 5 5 5 5 2.0 2 2 2 2 41 81 1.7 6.0 5.0 10.0 20 20 1.4 10.0 1.8 9.0 1.7 2.4 1.3 5.0 Amilimony 0.5 0.5 0.5 0.5 0.5 0.5 10.0 10.0 2 2 1.0 2 2 0.7 9 49 75 100 45 52.42 38.95 100.00 10.00 22222 (Scm) 577.80 20.94 610.00 538.00 Conduct 557 589 578 582 282 570 582 909 286 929 603 598 598 598 598 283 288 989 590 592 592 540 539 539 **99** 591 7.98 8.02 7.94 8.12 7.93 7.83 7.94 0.10 8.12 7.50 7.96 7.97 7.90 7.96 7.93 7.93 8.03 8.05 7.96 7.96 7.83 7.87 7.85 7.93 Hď Mean Std. Dev. Max Min USGS-102 (USGS-102 (USGS-102 (USGS-102 JSGS-102 JSGS-102 JSGS-102 ISGS-102